

Title (en)
MOLECULES HAVING PESTICIDAL UTILITY, AND INTERMEDIATES, COMPOSITIONS, AND PROCESSES, RELATED THERETO

Title (de)
MOLEKÜLE MIT PESTIZIDFUNKTION SOWIE ZWISCHENPRODUKTE, ZUSAMMENSETZUNGEN UND VERFAHREN IM ZUSAMMENHANG DAMIT

Title (fr)
MOLECULES PRESENTANT UNE UTILITE EN TANT QUE PESTICIDES, AINSI QU'INTERMEDIAIRES, COMPOSITIONS, ET PROCEDÉS ASSOCIÉS

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Abstract (en)
[origin: WO2016168059A1] This disclosure relates to the field of molecules having pesticidal utility against pests in Phyla Arthropoda, Mollusca, and Hematoda, processes to produce such molecules, intermediates used in such processes, pesticidal compositions containing such molecules, and processes of using such pesticidal compositions against such pests. These pesticidal compositions may be used, for example, as acaricides, insecticides, miticides, molluscicides, and nematocides. This document discloses molecules having the following formula ("Formula One").

IPC 8 full level
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CPC (source: CN EP IL KR RU US)
A01N 37/18 (2013.01 - RU); **A01N 37/22** (2013.01 - IL KR RU US); **A01N 37/34** (2013.01 - IL KR RU US); **A01N 37/46** (2013.01 - CN); **A01N 41/10** (2013.01 - CN IL KR US); **A01N 43/12** (2013.01 - CN); **A01N 43/38** (2013.01 - CN); **A01N 43/40** (2013.01 - CN IL KR RU US); **A01N 43/60** (2013.01 - IL KR US); **A01N 43/653** (2013.01 - CN IL KR US); **A01N 43/707** (2013.01 - IL KR US); **A01N 43/76** (2013.01 - CN); **A01N 43/78** (2013.01 - CN); **A01N 43/82** (2013.01 - CN IL KR US); **A01N 43/90** (2013.01 - CN IL KR US); **A01N 47/20** (2013.01 - CN); **A01N 53/00** (2013.01 - EP IL RU US); **C07C 233/63** (2013.01 - IL KR US); **C07C 233/65** (2013.01 - IL US); **C07C 233/66** (2013.01 - KR); **C07C 237/22** (2013.01 - IL US); **C07C 237/42** (2013.01 - CN EP IL RU US); **C07C 255/29** (2013.01 - EP IL US); **C07C 255/46** (2013.01 - EP IL RU US); **C07C 255/57** (2013.01 - EP IL US); **C07C 255/60** (2013.01 - CN EP IL US); **C07C 259/10** (2013.01 - EP IL US); **C07C 271/28** (2013.01 - CN EP IL US); **C07C 271/66** (2013.01 - CN EP IL US); **C07C 311/08** (2013.01 - EP IL US); **C07C 311/46** (2013.01 - EP IL US); **C07C 317/14** (2013.01 - IL US); **C07C 317/28** (2013.01 - EP IL US); **C07C 317/40** (2013.01 - CN EP IL US); **C07C 317/50** (2013.01 - EP IL US); **C07C 323/41** (2013.01 - EP IL US); **C07C 323/42** (2013.01 - EP IL US); **C07C 323/59** (2013.01 - EP IL US); **C07C 323/63** (2013.01 - CN); **C07C 327/48** (2013.01 - CN); **C07C 331/12** (2013.01 - EP IL US); **C07C 381/10** (2013.01 - EP IL US); **C07D 205/04** (2013.01 - EP IL RU US); **C07D 207/10** (2013.01 - IL US); **C07D 207/273** (2013.01 - EP IL US); **C07D 207/452** (2013.01 - EP IL US); **C07D 209/08** (2013.01 - CN); **C07D 209/44** (2013.01 - CN); **C07D 209/49** (2013.01 - EP IL US); **C07D 213/56** (2013.01 - EP IL US); **C07D 213/75** (2013.01 - CN IL US); **C07D 213/81** (2013.01 - CN IL US); **C07D 213/84** (2013.01 - CN EP IL US); **C07D 213/89** (2013.01 - CN EP IL US); **C07D 215/227** (2013.01 - EP IL US); **C07D 215/38** (2013.01 - EP IL US); **C07D 231/12** (2013.01 - IL US); **C07D 231/56** (2013.01 - EP IL US); **C07D 233/36** (2013.01 - EP IL KR US); **C07D 233/80** (2013.01 - EP IL US); **C07D 235/30** (2013.01 - EP IL US); **C07D 241/20** (2013.01 - EP IL US); **C07D 249/08** (2013.01 - CN IL US); **C07D 249/14** (2013.01 - CN); **C07D 253/07** (2013.01 - EP IL US); **C07D 261/12** (2013.01 - EP IL US); **C07D 263/26** (2013.01 - EP IL US); **C07D 277/28** (2013.01 - CN); **C07D 277/30** (2013.01 - EP IL US); **C07D 277/36** (2013.01 - EP IL US); **C07D 277/62** (2013.01 - CN); **C07D 285/06** (2013.01 - CN IL US); **C07D 295/32** (2013.01 - IL RU US); **C07D 305/08** (2013.01 - IL RU US); **C07D 307/33** (2013.01 - EP IL US); **C07D 307/38** (2013.01 - KR); **C07D 307/52** (2013.01 - EP IL US); **C07D 309/14** (2013.01 - IL RU US); **C07D 331/04** (2013.01 - IL RU US); **C07D 333/36** (2013.01 - IL RU US); **C07D 333/48** (2013.01 - EP IL US); **C07D 333/54** (2013.01 - CN); **C07D 333/60** (2013.01 - EP IL US); **C07D 471/04** (2013.01 - CN); **C07D 487/04** (2013.01 - EP IL US); **C07C 2601/02** (2017.05 - CN EP IL US); **C07C 2601/04** (2017.05 - EP IL US); **C07C 2601/08** (2017.05 - EP IL US); **C07C 2601/14** (2017.05 - EP IL US); **Y02A 50/30** (2018.01 - EP)

Cited by
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WO 2016168059 A1 20161020; AU 2016247768 A1 20170914; AU 2016247768 B2 20190307; AU 2016247769 A1 20170921; AU 2016247769 B2 20180621; AU 2016249814 A1 20170914; AU 2016249814 B2 20190307; AU 2019201950 A1 20190411; AU 2019201950 B2 20210225; AU 2019201951 A1 20190411; AU 2019201951 B2 20210225; AU 2020201970 A1 20200402; AU 2020201970 B2 20220428; AU 2020201970 C1 20230202; BR 112017020015 A2 20180619; BR 112017020015 B1 20210803; BR 112017020015 B8 20220823; BR 112017020140 A2 20180529; BR 112017020140 B1 20210803; BR 112017020140 B8 20220823; BR 112017021585 A2 20180703; BR 112017021585 B1 20210803; BR 112017021585 B8 20220823; CA 2980345 A1 20161020; CA 2980345 C 20240305; CA 2980351 A1 20161020; CA 2980356 A1 20161020; CN 107466291 A 20171212; CN 107466291 B 20210820; CN 107529748 A 20180102; CN 107529748 B 20201225; CN 107734969 A 20180223; CN 107734969 B 20210601; CN 113444016 A 20210928; CO 2017009940 A2 20180105; CO 2017010383 A2 20180309; CO 2017011578 A2 20180131; EP 3283458 A1 20180221; EP 3283458 B1 20190522; EP 3283459 A1 20180221; EP 3283459 B1 20190522; EP 3283460 A1 20180221; EP 3283460 B1 20190522; EP 3578541 A1 20191211; EP 3578542 A1 20191211; EP 3578543 A1 20191211; ES 2735924 T3 20191220; ES 2736849 T3 20200108; ES 2743327 T3 20200218; IL 254549 A0 20171130; IL 254549 B 20200227; IL 254554 A0 20171130; IL 254554 B 20200227; IL 254557 A0 20171130; IL 254557 B 20200227; IL 272407 A 20200331; IL 272407 B 20210930; IL 284775 A 20210831;

IL 284775 B 20220401; IL 290720 A 20220401; JP 2018516241 A 20180621; JP 2018516242 A 20180621; JP 2018516862 A 20180628;
JP 2020183417 A 20201112; JP 2022130674 A 20220906; JP 2023145722 A 20231011; JP 6741685 B2 20200819; JP 6889663 B2 20210618;
JP 6998213 B2 20220118; JP 7101728 B2 20220715; JP 7329108 B2 20230817; KR 102657257 B1 20240416; KR 102657259 B1 20240416;
KR 102657925 B1 20240419; KR 20180008408 A 20180124; KR 20180008443 A 20180124; KR 20180009045 A 20180125;
MX 2017012512 A 20180209; MX 2017012646 A 20180124; MX 2017013040 A 20171208; NZ 734919 A 20190222; NZ 734931 A 20190426;
NZ 735019 A 20190426; RU 2017135874 A 20190517; RU 2017135874 A3 20191121; RU 2017138090 A 20190517;
RU 2017138090 A3 20191011; RU 2017139079 A 20190517; RU 2017139079 A3 20200127; RU 2020123398 A 20200918;
RU 2727811 C2 20200724; RU 2735602 C2 20201105; RU 2742119 C2 20210202; TR 201909218 T4 20190722; TR 201909746 T4 20190722;
TR 201910940 T4 20190821; TW 201638065 A 20161101; TW 201639805 A 20161116; TW 201641478 A 20161201; TW I701232 B 20200811;
TW I704129 B 20200911; TW I718141 B 20210211; US 10219516 B2 20190305; US 11632957 B2 20230425; US 2016302417 A1 20161020;
US 2016302418 A1 20161020; US 2016304522 A1 20161020; US 2017339961 A1 20171130; US 2018000087 A1 20180104;
US 2018007911 A1 20180111; US 2019090488 A1 20190328; US 2020196607 A1 20200625; US 2023180761 A1 20230615;
US 9781935 B2 20171010; US 9795139 B2 20171024; US 9795140 B2 20171024; UY 36631 A 20161130; UY 36632 A 20161130;
UY 36633 A 20161130; WO 2016168056 A1 20161020; WO 2016168058 A1 20161020; ZA 201706381 B 20231220; ZA 201706382 B 20230628;
ZA 201706383 B 20200129

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US 2016026417 W 20160407; AU 2016247768 A 20160407; AU 2016247769 A 20160407; AU 2016249814 A 20160407;
AU 2019201950 A 20190320; AU 2019201951 A 20190320; AU 2020201970 A 20200319; BR 112017020015 A 20160407;
BR 112017020140 A 20160407; BR 112017021585 A 20160407; CA 2980345 A 20160407; CA 2980351 A 20160407; CA 2980356 A 20160407;
CN 201680021864 A 20160407; CN 201680025438 A 20160407; CN 201680033089 A 20160407; CN 202110537454 A 20160407;
CO 2017009940 A 20170928; CO 2017010383 A 20171011; CO 2017011578 A 20171114; EP 16718097 A 20160407; EP 16718098 A 20160407;
EP 16718785 A 20160407; EP 19174918 A 20160407; EP 19174959 A 20160407; EP 19175296 A 20160407; ES 16718097 T 20160407;
ES 16718098 T 20160407; ES 16718785 T 20160407; IL 25454917 A 20170918; IL 25455417 A 20170918; IL 25455717 A 20170918;
IL 27240720 A 20200202; IL 28477521 A 20210711; IL 29072022 A 20220217; JP 2017553379 A 20160407; JP 2017553380 A 20160407;
JP 2017553985 A 20160407; JP 2020121908 A 20200716; JP 2022107591 A 20220704; JP 2023127320 A 20230803;
KR 20177028681 A 20160407; KR 20177031723 A 20160407; KR 20177031749 A 20160407; MX 2017012512 A 20160407;
MX 2017012646 A 20160407; MX 2017013040 A 20160407; NZ 73491916 A 20160407; NZ 73493116 A 20160407; NZ 73501916 A 20160407;
RU 2017135874 A 20160407; RU 2017138090 A 20160407; RU 2017139079 A 20160407; RU 2020123398 A 20160407;
TR 201909218 T 20160407; TR 201909746 T 20160407; TR 201910940 T 20160407; TW 105111651 A 20160414; TW 105111652 A 20160414;
TW 105111655 A 20160414; US 2016026409 W 20160407; US 2016026413 W 20160407; US 201615092641 A 20160407;
US 201615092646 A 20160407; US 201615092650 A 20160407; US 201715679415 A 20170817; US 201715705310 A 20170915;
US 201715705318 A 20170915; US 201816203690 A 20181129; US 202016794955 A 20200219; US 202318166601 A 20230209;
UY 36631 A 20160415; UY 36632 A 20160415; UY 36633 A 20160415; ZA 201706381 A 20170921; ZA 201706382 A 20170921;
ZA 201706383 A 20170921